

# LEMHI COUNTY AIRPORT

This report describes how your pavement maintenance management program was developed. This program was developed as part of the Network Pavement Management Program project sponsored by the Idaho Transportation Department, Division of Aeronautics. The information and data contained in this report ensures you are in compliance with the requirements of Federal Aviation Administration (FAA) Grant Assurance Number 11 which states that any airport requesting federal funds for pavement improvement projects must have implemented a pavement maintenance management program (PMMP).

## DATA COLLECTION

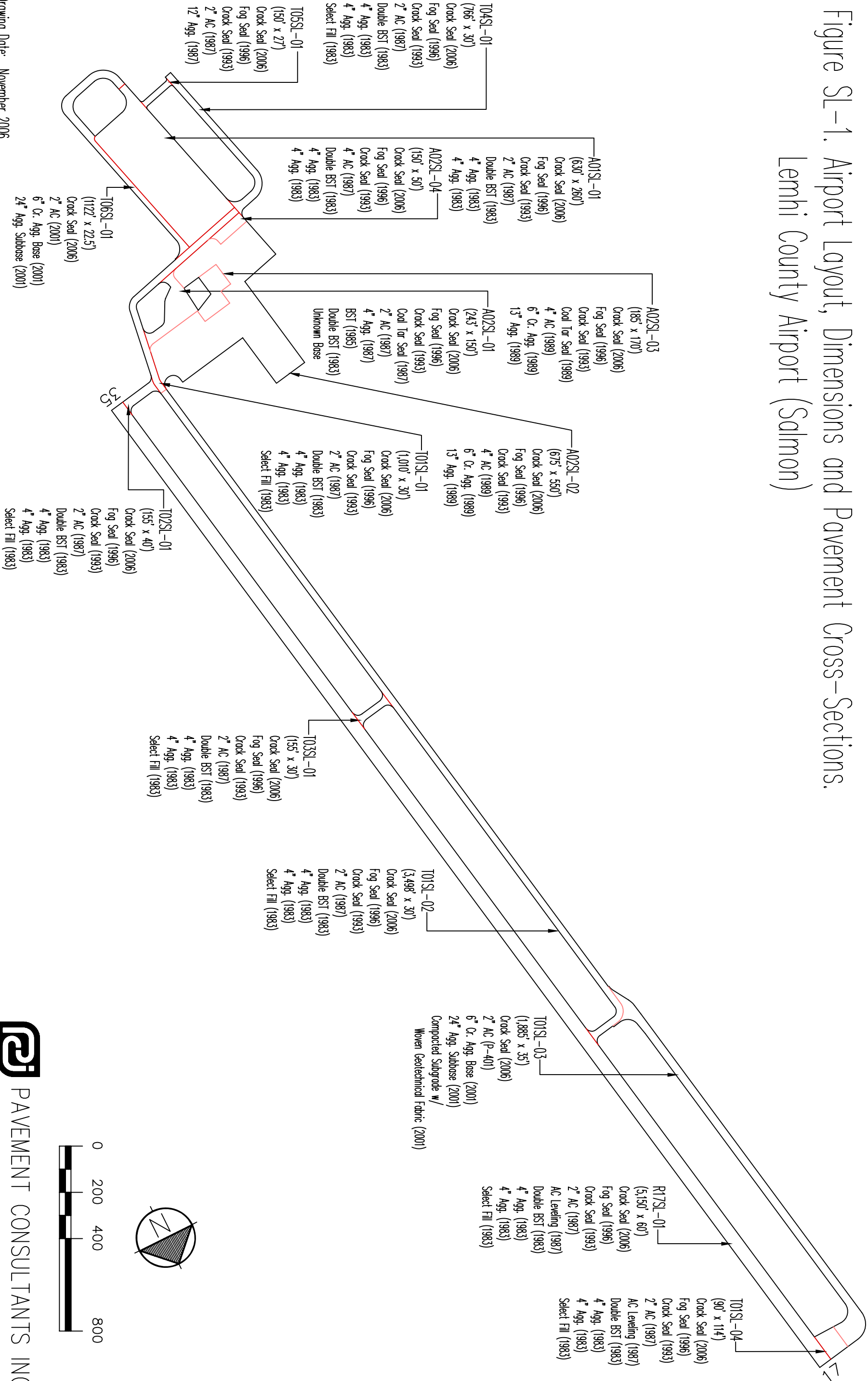
To determine how your pavements were constructed and their age, a records review was conducted. Figure SL-1 shows the records review results. This figure shows pavement boundaries, dimensions, pavement layer types, thicknesses and dates of construction. Table SL-1, provided in Appendix 1, contains the up-to-date cross-section information for each pavement section. The most recent construction date for each pavement can also be found in the Section Condition Report in Appendix 2. Figure SL-1, Table SL-1, and the information contained in Appendices 1 and 2 ensure that your airport complies with the “pavement inventory” requirement of FAA’s PMMP guidelines.

The pavements at your airport were divided into branches, sections and sample units in accordance with the methodology outlined in the current editions of FAA Advisory Circular AC:150/5380-6, *Guidelines and Procedures for Maintenance of Airport Pavements* and ASTM D5430, *Standard Test Method for Airport Condition Index Surveys*. The branches, sections and sample units established at your airport are shown in Figure SL-2. A Branch Condition Report showing all branches, their associated areas, and area-weighted condition is provided in Appendix 2. Additionally, the Appendix 2 Section Condition Report provides information that the Micro PAVER pavement management software uses to define each branch and section.

Using the branch, section and sample unit divisions established, a visual condition survey was conducted at Lemhi County Airport on October 31, 2006. During the inspection pavement defects were identified and measured in accordance with the methodology outlined in FAA AC:150/5380-6 and ASTM D5430. Our inspection ensures your airport complies with the “detailed inspection” requirement of FAA’s PMMP guidelines. After collection, the data were entered into the Micro PAVER software for analysis. These data are reproduced in the Re-Inspection Report attached in Appendix 2. Photographs of typical distresses observed during the inspections are provided in Appendix 3.

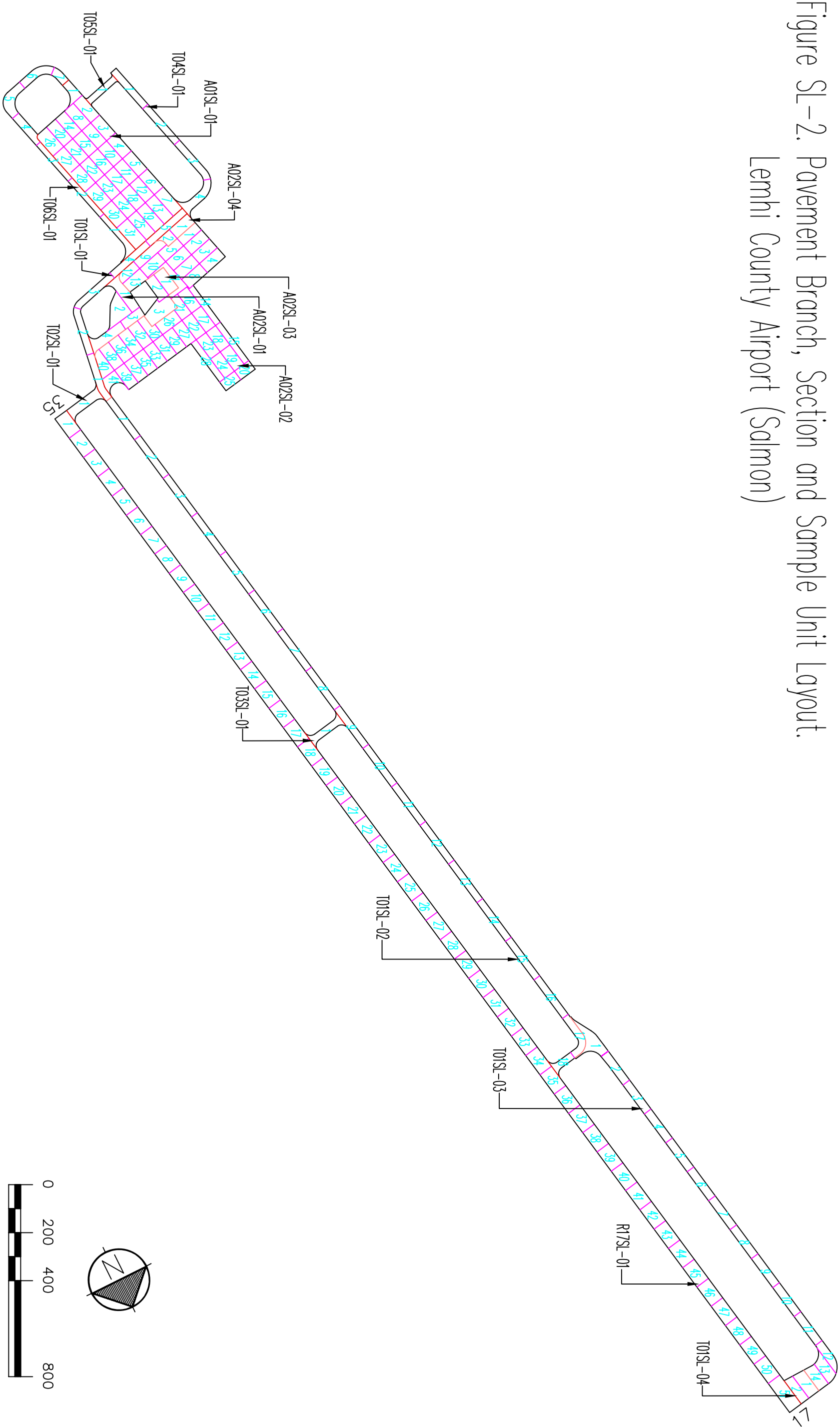
The Micro PAVER database updated during this project ensures your airport complies with the “record keeping and information retrieval” requirements of FAA’s PMMP guidelines.

Figure SL-1. Airport Layout, Dimensions and Pavement Cross-Sections.  
Lemhi County Airport (Salmon)



Drawing Date: November 2006

Figure SL-2. Pavement Branch, Section and Sample Unit Layout.  
Lemhi County Airport (Salmon)



## RESULTS

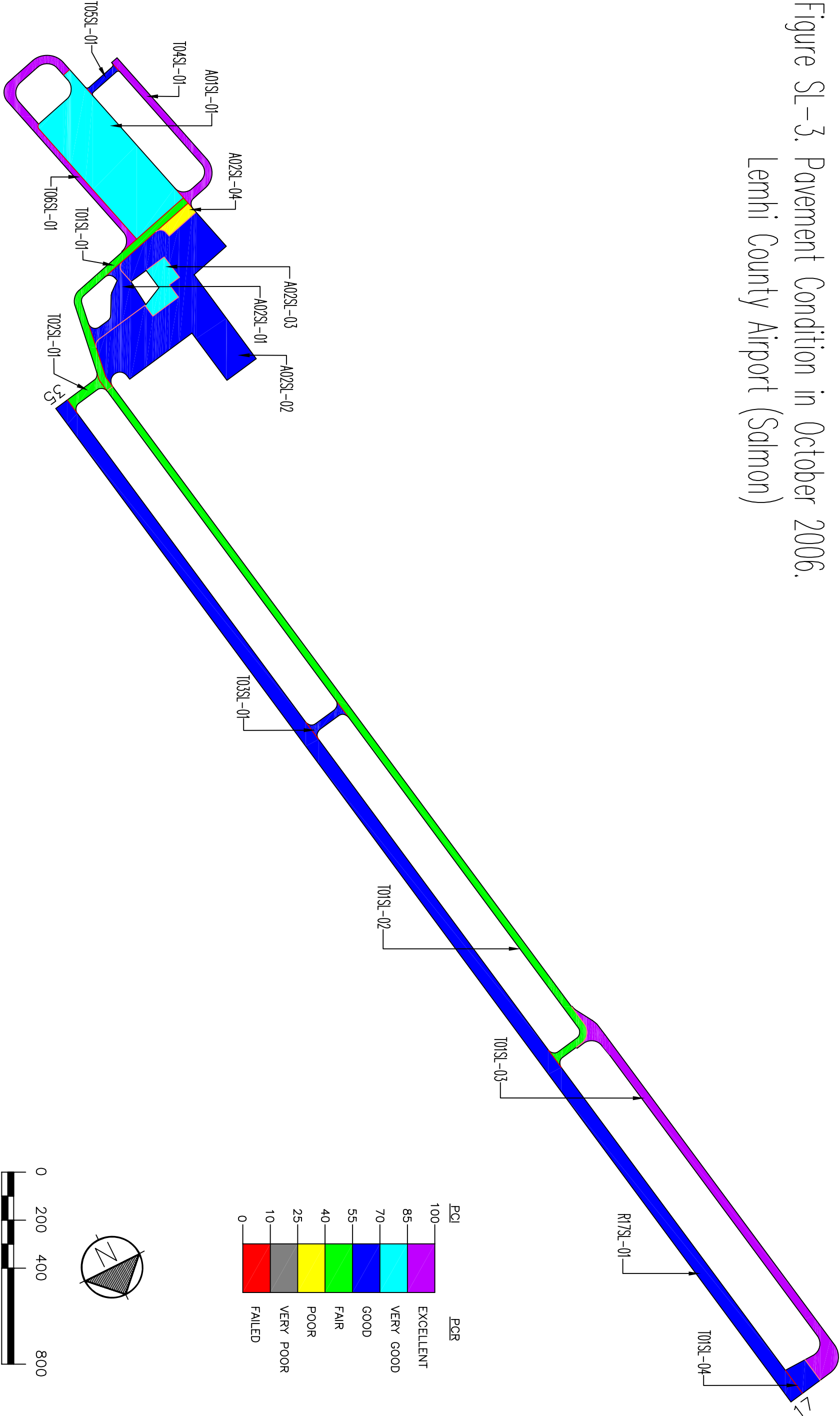
Using the data collected during the visual inspection, the Micro PAVER software calculated a Pavement Condition Index (PCI) for each pavement section inspected by averaging the PCIs for inspected sample units. Using each section's PCI, a Pavement Condition Rating (PCR) was assigned. The PCIs and associated PCRs from this inspection are shown in Table SL-2. This table also contains projected PCIs for 2011 and 2016 based on pavement deterioration models developed by Micro PAVER using the inspection data from pavements in Idaho having the same surface types. The Branch Condition Report in Appendix 2 summarizes current pavement condition by branch while the Section Condition Report in Appendix 2 lists pavement condition by section. The current PCR is shown graphically in Figure SL-3.

**Table SL-2. Present and Future Pavement Condition Indices.**

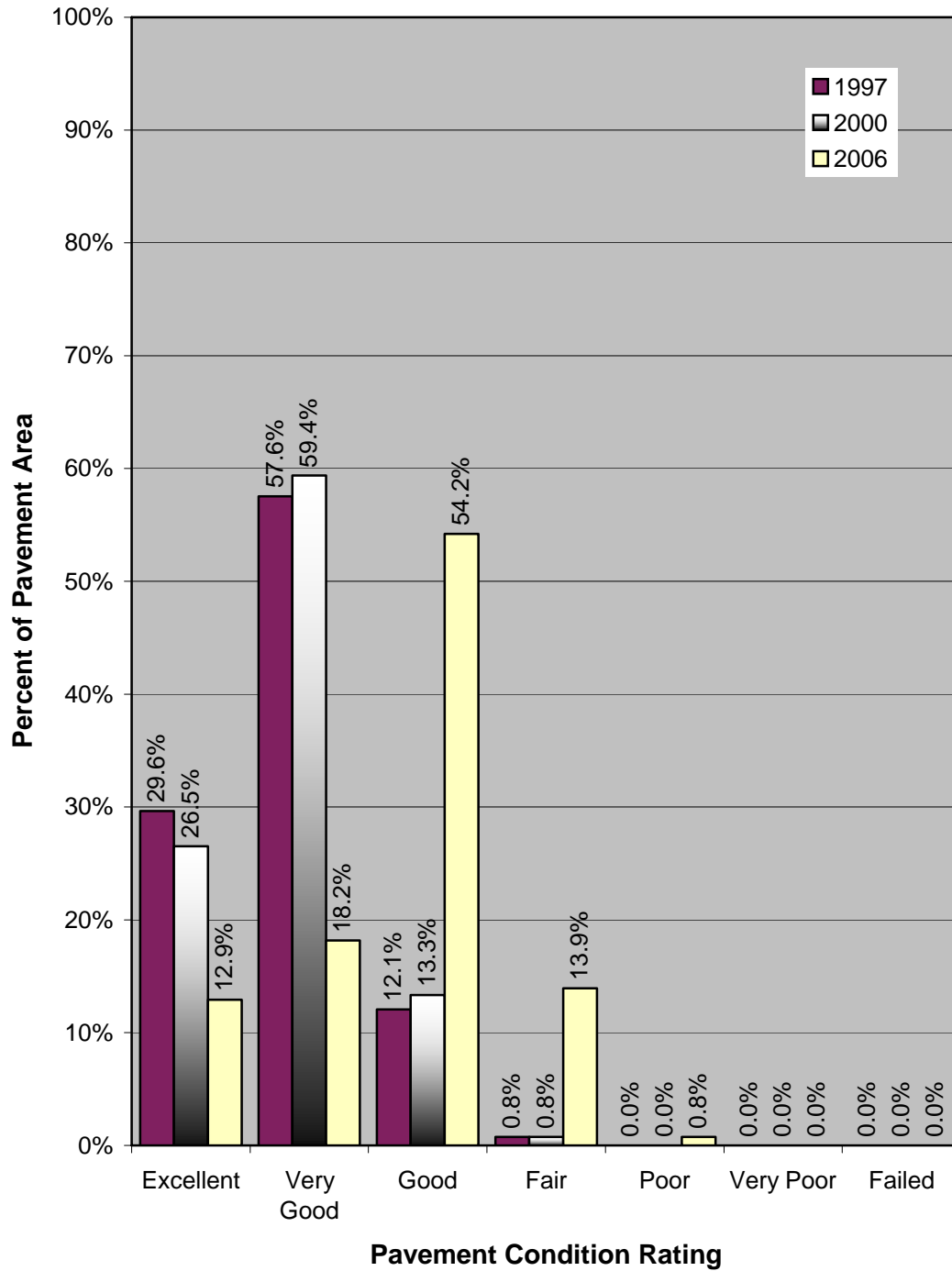
Branch	Section	2006		2011		2016	
		PCI	PCR	PCI	PCR	PCI	PCR
A01SL	01	76	Very Good	64	Good	52	Fair
A02SL	01	67	Good	55	Fair	45	Fair
A02SL	02	70	Good	58	Good	48	Fair
A02SL	03	71	Very Good	59	Good	48	Fair
A02SL	04	36	Poor	28	Poor	22	Very Poor
R17SL	01	57	Good	42	Fair	37	Poor
T01SL	01	54	Fair	45	Fair	40	Poor
T01SL	02	42	Fair	39	Poor	39	Poor
T01SL	03	95	Excellent	82	Very Good	72	Very Good
T01SL	04	69	Good	58	Good	48	Fair
T02SL	01	43	Fair	39	Poor	39	Poor
T03SL	01	56	Good	46	Fair	41	Fair
T04SL	01	87	Excellent	76	Very Good	65	Good
T05SL	01	61	Good	50	Fair	43	Fair
T06SL	01	100	Excellent	86	Excellent	75	Very Good

Section PCIs at the airport range from a low of 36 (a PCR of "Poor") to a high of 100 (a PCR of "Excellent"). The area-weighted average PCI for all airport pavements is 66, corresponding to an overall PCR of "Good". Figure SL-4 shows how much pavement area is associated with each Pavement Condition Rating category and also shows pavement condition distribution from the inspections conducted in 1997 and 2000. A graphical representation of the projected PCRs presented in Table SL-2 is shown in Figure SL-5.

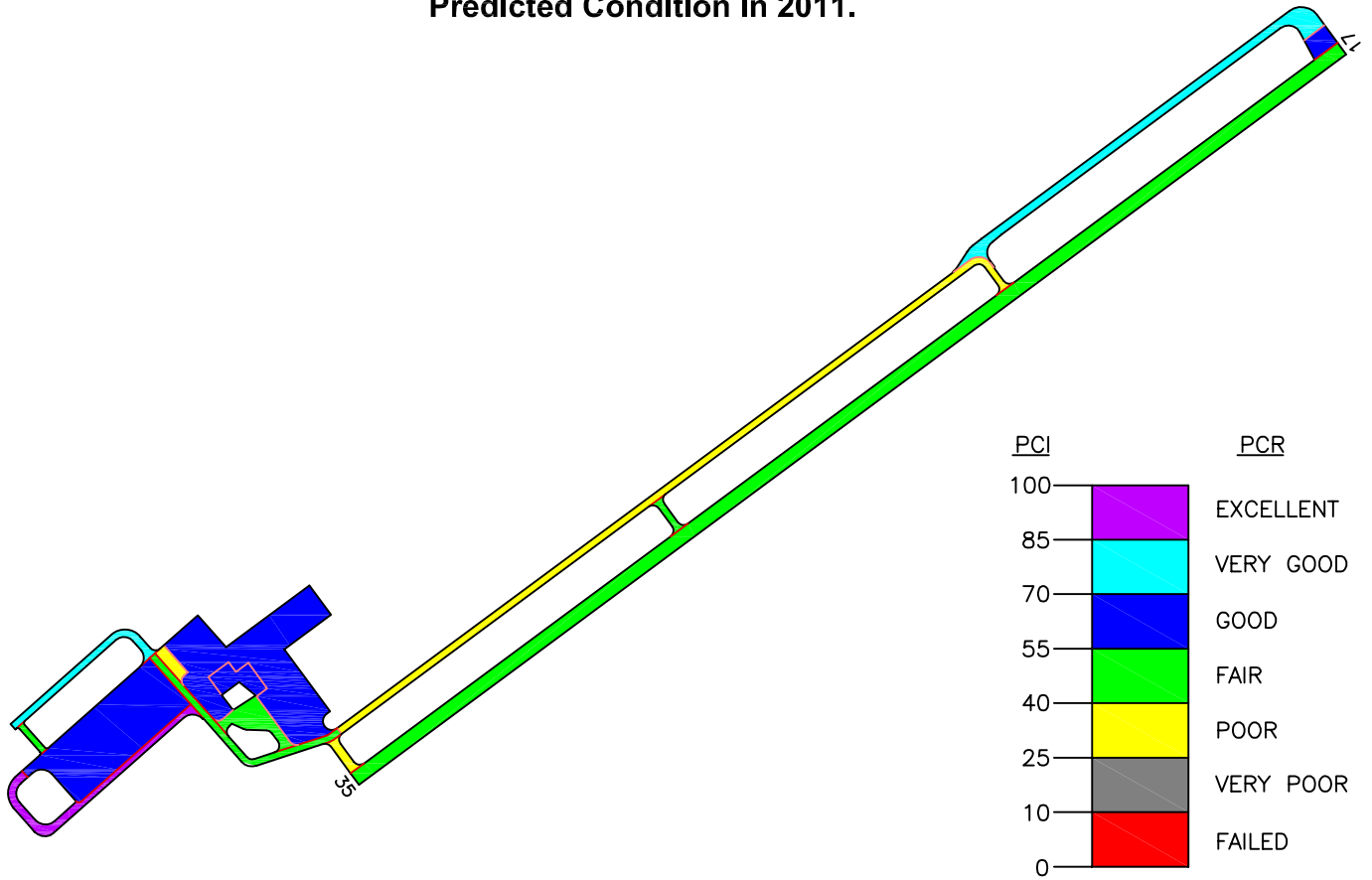
Figure SL-3. Pavement Condition in October 2006.  
Lemhi County Airport (Salmon)



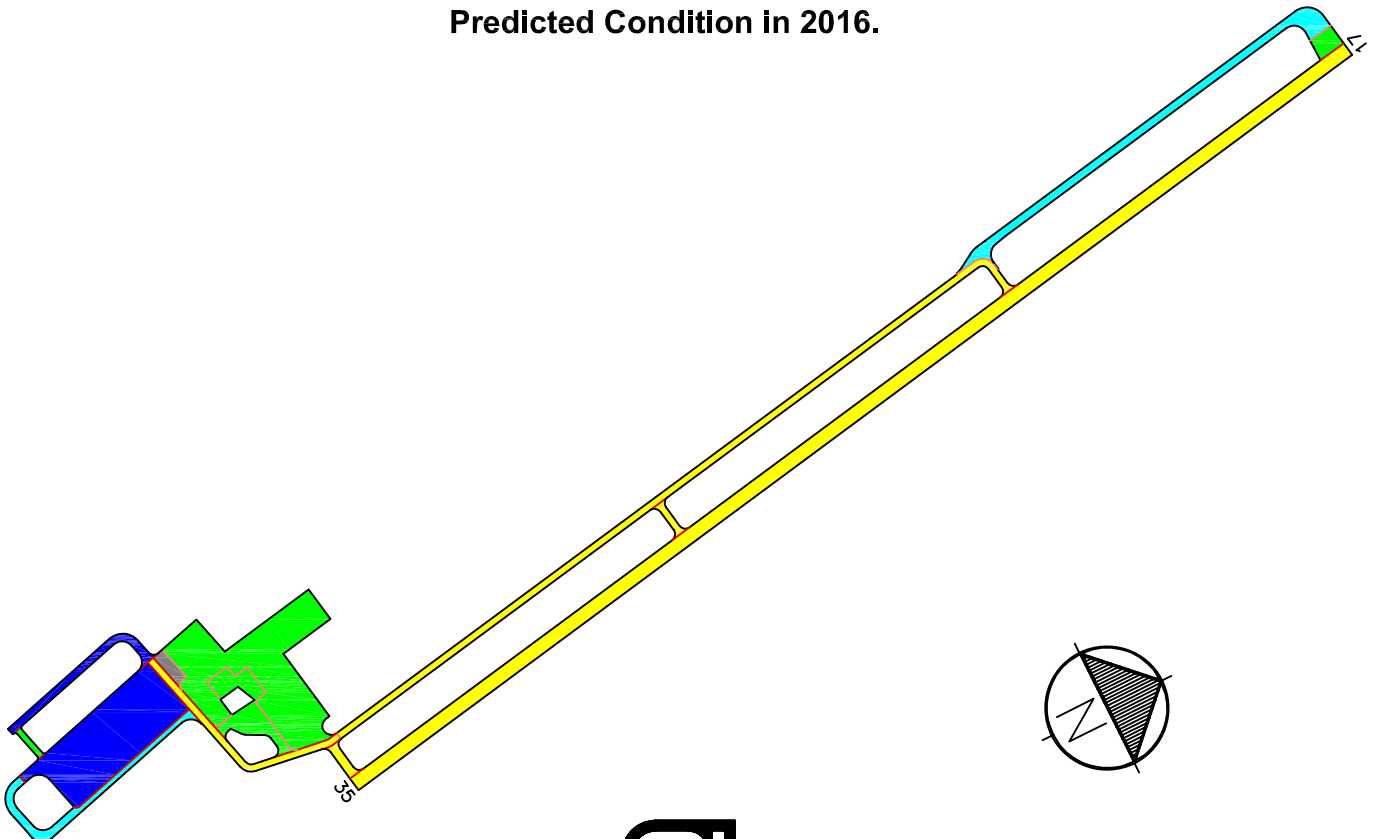
**Figure SL-4. Distribution of Pavement Condition  
Lemhi County Airport**



### Predicted Condition in 2011.



### Predicted Condition in 2016.



Drawing Date: November 2006



PAVEMENT CONSULTANTS INC.

**Figure SL-5. Future Pavement Condition.**

The primary distresses observed during the inspection were bleeding, longitudinal and transverse cracking, block cracking, weathering/raveling and depression.

## **RECOMMENDATIONS**

Data collected during the visual condition survey were used by the Micro PAVER software to generate the Network Maintenance Report contained in Appendix 4. This report identifies, for each pavement section, the recommended localized maintenance activities that should be completed to repair the defects observed during the visual inspection. The repair quantities identified in the report were extrapolated to cover the entire pavement section, based on the inspected sample units. If the repair activities identified are completed, the pavement deterioration rate will slow.

The localized maintenance activities to be applied are selected by the Micro PAVER software based on the Maintenance & Repair (M&R) policy established for the Idaho airport system. The report results indicate that, over the entire airport, the following quantities of localized maintenance are needed:

- 8,835 linear feet of asphalt concrete crack sealing.
- 430 square feet of asphalt concrete shallow patching.

The Micro PAVER software also can identify and schedule recommended global (applied over an entire section) maintenance activities such as fog seals, slurry seals and other surface treatments, as well as major rehabilitation activities such as asphalt concrete overlays and complete reconstruction. To determine when a pavement section requires global maintenance or rehabilitation, Micro PAVER uses the pavement deterioration models developed during this project. These models are used to estimate future pavement condition and to schedule global maintenance and rehabilitation recommendations based on a trigger PCI.

During this project a 5-year program outlining recommended global maintenance and rehabilitation was developed. The program begins in 2007. These recommendations are presented in Table SL-3, which identifies the pavement section requiring rehabilitation, the year the action should be completed, the type of action, and an associated cost. This information is also presented graphically in Figure SL-6.

If the global maintenance or rehabilitation activities recommended in Table SL-3 are not completed, the localized maintenance activities identified in the Network Maintenance Report (Appendix 4) for that section should be completed. Additionally, for those sections not listed in Table SL-3 as requiring global maintenance or rehabilitation, the localized maintenance activities outlined in the Network Maintenance Report should be completed. By completing the localized maintenance activities, pavement condition is improved, life is extended, deterioration is slowed and the length of time until major repair or rehabilitation is required is increased.



**Table SL-3. Five-Year Global Maintenance and Rehabilitation Plan.**

Year	Branch	Section	Action	Area (sf)	Unit Cost (\$/sf)	Total Cost (\$)
2007	A01SL	01	Slurry Seal	167,303	\$0.21	\$35,134
	A02SL	01	Slurry Seal	25,835	\$0.21	\$5,425
	A02SL	02	Slurry Seal	199,869	\$0.21	\$41,972
	A02SL	03	Slurry Seal	18,770	\$0.21	\$3,942
	A02SL	04	Reconstruct with 2" AC, 6" Cr. Agg. Base, 24" Agg. Subbase	7,693	\$4.06	\$31,234
	R17SL	01	2" AC Overlay	309,000	\$1.00	\$309,000
	T01SL	01	2" AC Overlay	30,300	\$1.00	\$30,300
	T01SL	02	2" AC Overlay	105,335	\$1.00	\$105,335
	T01SL	03	Slurry Seal	75,468	\$0.21	\$15,848
	T01SL	04	Slurry Seal	10,435	\$0.21	\$2,191
	T02SL	01	2" AC Overlay	6,990	\$1.00	\$6,990
	T03SL	01	2" AC Overlay	5,422	\$1.00	\$5,422
	T04SL	01	Slurry Seal	23,366	\$0.21	\$4,907
	T05SL	01	Slurry Seal	4,136	\$0.21	\$869
	T06SL	01	Slurry Seal	33,454	\$0.21	\$7,025
2007 Total						\$605,594
2009	T05SL	01	2" AC Overlay	5,422	\$1.00	\$5,422
2009 Total						\$5,422
<b>TOTAL</b>						<b>\$611,016</b>

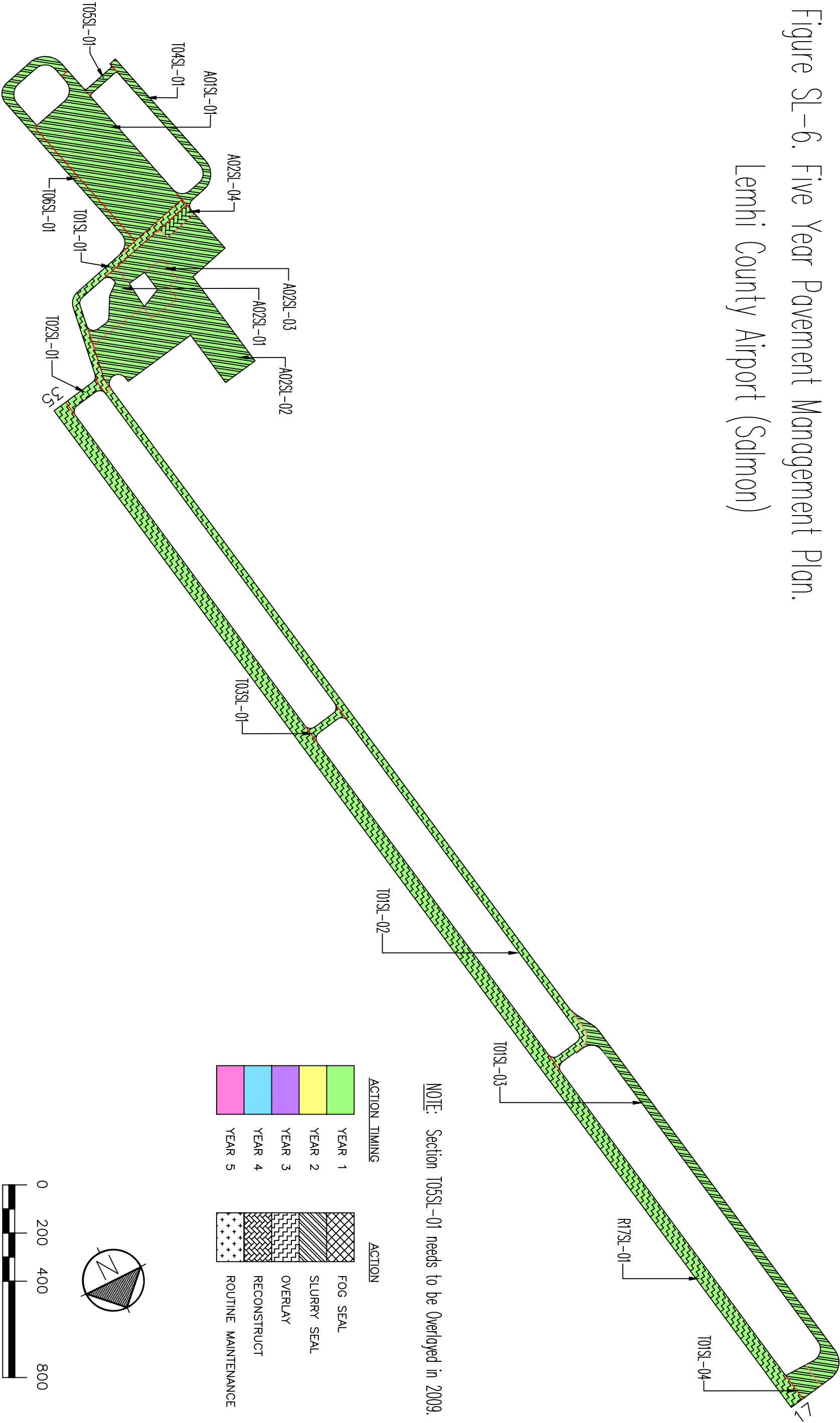
## INSPECTION SCHEDULE

To comply with the inspection schedule requirement of FAA Grant Assurance Number 11, a detailed visual inspection should be conducted every three (3) years using the methodology in FAA AC:150/5380-6 and ASTM D5430. The next scheduled detailed visual inspection should take place during 2009.

In addition, as part of the FAA-mandated pavement maintenance management program, a drive-by inspection must be conducted monthly to detect unforeseen or abrupt changes in pavement condition that have occurred since the last monthly inspection. Additionally, any maintenance activities completed during the previous month should be noted. The results of each drive-by inspection should be recorded and kept on file for five (5) years.

This inspection can easily be accomplished by driving your airport and recording your observations on the "Monthly Drive-By Inspection Form" provided as Figure SL-7. Each drive-by inspection should note the date of the inspection, any change in pavement condition, and an indication of any maintenance performed since the last drive-by inspection. A copy of each drive-by inspection report should be sent to Mr. William P. Statham at the Idaho Division of Aeronautics, P.O. Box 7129, Boise, ID 83709.

Figure SL-6. Five Year Pavement Management Plan.  
Lemhi County Airport (Salmon)



## RECORD KEEPING

As part of the FAA-mandated pavement maintenance management program, you must record and keep on file for a minimum of five (5) years, complete information about all detailed pavement inspections and maintenance performed. The types of distress, their locations, and remedial actions, scheduled or performed, must be documented. The minimum information to be recorded is:

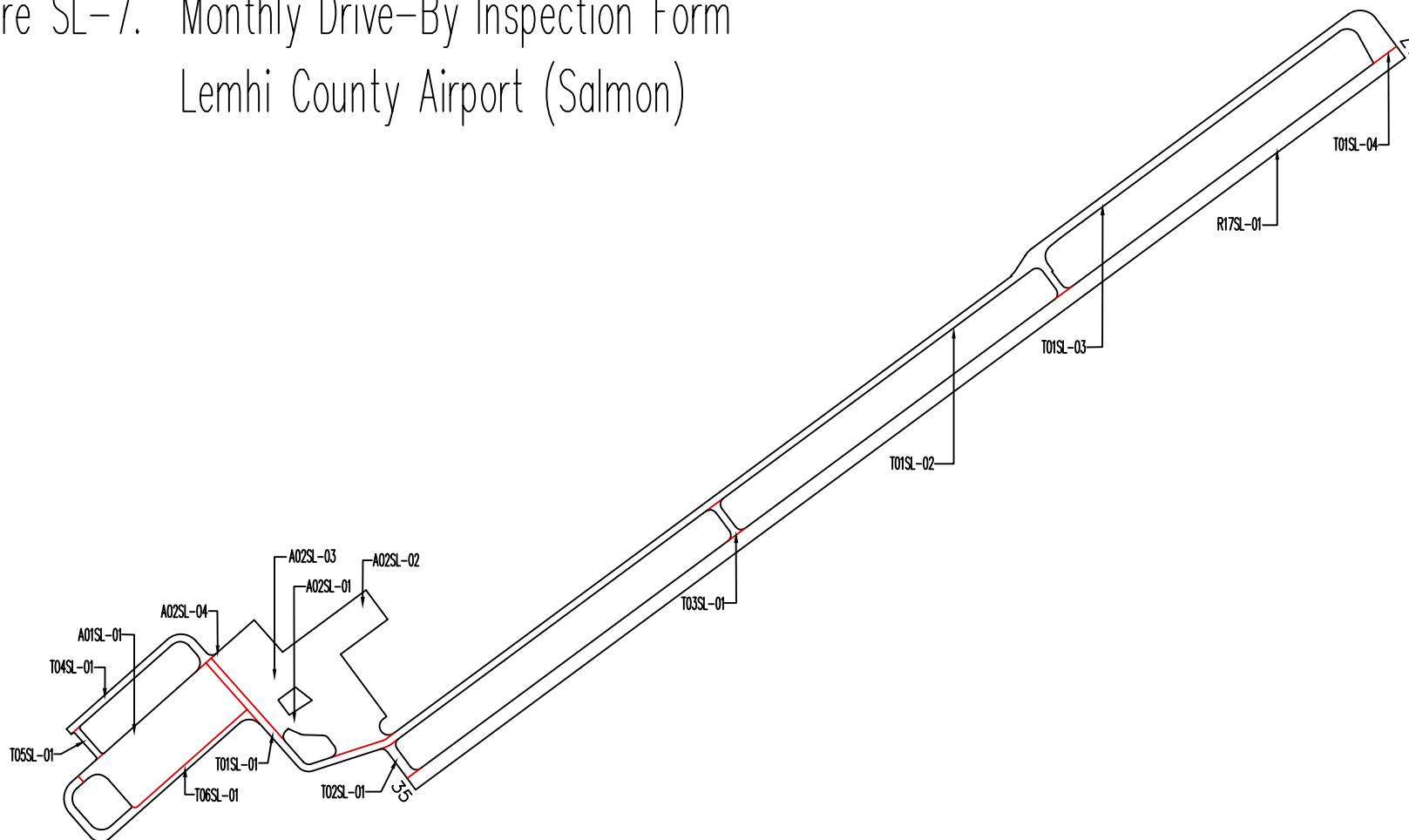
- Inspection date
- Location of pavement distress
- Distress types observed
- Type of maintenance scheduled or performed
- Date maintenance was performed

It would be useful to maintain documentation as to the type of maintenance completed such as engineering reports, drawings and specifications.

Note that you may use any form or record keeping you deem appropriate so long as the information and records produced by the pavement survey can be retrieved as necessary for any reports required by the FAA.

This report fulfills FAA's record keeping requirements. Additionally, this report and any subsequent information compiled by you will form the basis of the next detailed inspection and evaluation.

Figure SL-7. Monthly Drive-By Inspection Form  
Lemhi County Airport (Salmon)



Inspection Date: \_\_\_\_\_

Inspected By: \_\_\_\_\_

Branch	Section	Maintenance Performed Since Last Inspection

Note any changed condition on drawing

Send a copy of the inspection report to:

Willaims P. Statham, Idaho Division of Aeronautics

P.O. Box 7129 / Boise, ID 83707-1129

Fax: (208) 334-8789

### TABLE SL-1. PAVEMENT HISTORY REPORT

Airport Name: Lemhi County Airport (Salmon)  
Date Prepared: 01 February 2007

Page 1 of 6

Feature Number	Soil Class	Subgrade	CBR	Subgrade	Frost Course	Subbase Course	Base Course	Surface Course	Overlay Course	Surface Treatment	Crack Seal
		Class		Prep.							
	Project Number				Date						
R17SL 01	E7	F7			Varies P-152	4" P-154	4" P-209	DBST P-609			
				1983							
R17SL 01							Variable Leveling		2" AC P-401		
				1987							
R17SL 01											Crack Seal P-605
				1993							
R17SL 01										Fog Seal	
				1996							
R17SL 01											Crack Seal P-605
				2006							
T01SL 01	E7	F7			Varies	4"	4" P-209	DBST P-609			
				1983							
T01SL 01									2" AC P-401		
				1987							
T01SL 01											Crack Seal P-605
				1993							
T01SL 01										Fog Seal	
				1996							
T01SL 01											Crack Seal P-605
				2006							
T01SL 02	E7	F7			Varies	4"	4" P-209	DBST P-609			
				1983							
T01SL 02									2" AC P-401		
				1987							
T01SL 02											Crack Seal P-605
				1993							

## TABLE SL-1. PAVEMENT HISTORY REPORT

Airport Name: Lemhi County Airport (Salmon)  
 Date Prepared: 01 February 2007

Page 2 of 6

Feature Number	Soil Class	Subgrade	CBR	Subgrade Prep.	Frost Course	Subbase Course	Base Course	Surface Course	Overlay Course	Surface Treatment	Crack Seal
		Class		Date							
	Project Number										
T01SL 02				1996						Fog Seal	
T01SL 02				2006							Crack Seal P-605
T01SL 03	E7	F7		2001	Fabric P-159	24" P-154	6" P-209	2" AC P-401			
	AIP-3										
T01SL 03				2006							Crack Seal P-605
T01SL 04	E7	F7		1983	Varies P-152	4" P-154	4" P-209	DBST P-609			
T01SL 04				1987			Variable Leveling		2" AC P-401		
T01SL 04				1993							Crack Seal P-605
T01SL 04				1996						Fog Seal	
T01SL 04				2006							Crack Seal P-605
T02SL 01	E7	F7		1983	Varies	4"	4" P-209	DBST P-609			
T02SL 01				1987					2" AC P-401		
T02SL 01				1993							Crack Seal P-605
T02SL 01				1996						Fog Seal	

### TABLE SL-1. PAVEMENT HISTORY REPORT

Airport Name: Lemhi County Airport (Salmon)

Date Prepared: 01 February 2007

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Feature Number	Soil Class	Subgrade	CBR	Subgrade Prep.	Frost Course	Subbase Course	Base Course	Surface Course	Overlay Course	Surface Treatment	Crack Seal
		Class									
	Project Number				Date						
T02SL 01					Varies	4"	4" P-209	DBST P-609			Crack Seal P-605
				2006							
T03SL 01	E7	F7			Varies	4"	4" P-209	DBST P-609			
				1983							
T03SL 01									2" AC P-401		
				1987							
T03SL 01											Crack Seal P-605
				1993							
T03SL 01										Fog Seal	
				1996							
T03SL 01											Crack Seal P-605
				2006							
T04SL 01	E7	F7			Varies	4"	4" P-209	DBST P-609			
				1983							
T04SL 01									2" AC		
				1987							
T04SL 01											Crack Seal P-605
				1993							
T04SL 01										Fog Seal	
				1996							
T04SL 01											Crack Seal P-605
				2006							
T05SL 01							12" P-209	2" AC P-401			
				1987							
T05SL 01											Crack Seal P-605
				1993							

## TABLE SL-1. PAVEMENT HISTORY REPORT

Airport Name: Lemhi County Airport (Salmon)

Date Prepared: 01 February 2007

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Feature Number	Soil Class	Subgrade	CBR	Subgrade Prep.	Frost Course	Subbase Course	Base Course	Surface Course	Overlay Course	Surface Treatment	Crack Seal
		Class									
	Project Number										
T05SL 01										Fog Seal	
				1996							
T05SL 01											Crack Seal P-605
				2006							
T06SL 01	E7	F7				24" P-154	6" P-209	2" AC P-401			
	AIP-3			2001							
T06SL 01											Crack Seal P-605
				2006							
A01SL 01	E7	F7			Varies	4"	4" P-209	DBST P-609			
				1983							
A01SL 01									2" AC		
				1987							
A01SL 01											Crack Seal P-605
				1993							
A01SL 01										Fog Seal	
				1996							
A01SL 01											Crack Seal P-605
				2006							
A02SL 01	E5	F5					Unknown	DBST			
				1983							
A02SL 01										BST	
				1985							
A02SL 01							4" Aggre- gate	2" AC P-401		Coal Tar Emulsion	
				1987							
A02SL 01											Crack Seal P-605
				1993							



### TABLE SL-1. PAVEMENT HISTORY REPORT

Airport Name: Lemhi County Airport (Salmon)

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Date Prepared: 01 February 2007

Feature Number	Soil Class	Subgrade	CBR	Subgrade Prep.	Frost Course	Subbase Course	Base Course	Surface Course	Overlay Course	Surface Treatment	Crack Seal
		Class									
	Project Number										
A02SL 01										Fog Seal	
				1996							
A02SL 01											Crack Seal P-605
				2006							
A02SL 02	E5	F5				13" Ag- gregate	6" Cr. Agg.	4" AC P-401			
				1989							
A02SL 02											Crack Seal P-605
				1993							
A02SL 02										Fog Seal	
				1996							
A02SL 02											Crack Seal P-605
				2006							
A02SL 03	E5	F5				13" Ag- gregate	6"	4" AC P-401		Coal Tar Emulsion	
				1989							
A02SL 03											Crack Seal P-605
				1993							
A02SL 03										Fog Seal	
				1996							
A02SL 03											Crack Seal P-605
				2006							
A02SL 04	E7	F7				4" P-154	4" P-209	DBST P-609			
				1983							
A02SL 04									4" AC P-401		
	County			1987							
A02SL 04											Crack Seal P-605
				1993							

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Airport Name: Lemhi County Airport (Salmon)

Date Prepared: 01 February 2007

Page 6 of 6

Feature Number	Soil Class	Subgrade	CBR	Subgrade Prep.	Frost Course	Subbase Course	Base Course	Surface Course	Overlay Course	Surface Treatment	Crack Seal
		Class									
	Project Number			Date							
A02SL 04										Fog Seal	
				1996							
A02SL 04											Crack Seal P-605
				2006							

Date: 5 /18/2007

**Branch Condition Report**

1 of 2

Pavement Database: NetworkID: SALMON

Branch ID	Number of Sections	Sum Section Length (Ft)	Avg Section Width (Ft)	True Area (SqFt)	Use	Average PCI	PCI Standard Deviation	Weighted Average PCI
A01SL (Apron 01 Salmon)	1	630.00	260.00	167,303.00	APRON	76.00	0.00	76.00
A02SL (Apron 02 Salmon)	4	1,253.00	230.00	252,167.00	APRON	61.00	14.51	68.73
R17SL (Runway 17/35 Salmon)	1	5,150.00	60.00	309,000.00	RUNWAY	57.00	0.00	57.00
T01SL (Taxiway 01 Salmon)	4	6,485.00	52.25	221,538.00	TAXIWAY	65.00	19.79	62.97
T02SL (Taxiway 02 Salmon)	1	155.00	40.00	6,990.00	TAXIWAY	43.00	0.00	43.00
T03SL (Taxiway 03 Salmon)	1	155.00	30.00	5,422.00	TAXIWAY	56.00	0.00	56.00
T04SL (Taxiway 04 Salmon)	1	766.00	30.00	23,366.00	TAXIWAY	87.00	0.00	87.00
T05SL (Taxiway 05 Salmon)	1	150.00	27.00	4,136.00	TAXIWAY	61.00	0.00	61.00
T06SL (Taxiway 06 Salmon)	1	1,122.00	22.50	33,454.00	TAXIWAY	100.00	0.00	100.00

Date: 5 /18/2007

## Branch Condition Report

2 of 2

*Pavement Database:*

Use Category	Number of Sections	Total Area (SqFt)	Arithmetic Average PCI	Average PCI STD.	Weighted Average PCI
APRON	5	419,470.00	64.00	14.30	71.63
RUNWAY	1	309,000.00	57.00	0.00	57.00
TAXIWAY	9	294,906.00	67.44	20.55	68.44
<b>All</b>	15	1,023,376.00	65.60	18.15	66.29

Date: 5 /18/2007

## Section Condition Report

1 of 2

Pavement Database: NetworkID: SALMON

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI
A01SL (Apron 01 Salmon)	01	08/01/1987	AC	APRON	P	0	167,303.00	10/31/2006	19	76.00
A02SL (Apron 02 Salmon)	01	08/01/1987	AC	APRON	S	0	25,835.00	11/01/2006	19	67.00
A02SL (Apron 02 Salmon)	02	08/01/1989	AC	APRON	P	0	199,869.00	11/01/2006	17	70.00
A02SL (Apron 02 Salmon)	03	08/01/1989	AC	APRON	S	0	18,770.00	11/01/2006	17	71.00
A02SL (Apron 02 Salmon)	04	08/01/1987	AC	APRON	S	0	7,693.00	11/01/2006	19	36.00
R17SL (Runway 17/35 Salmon)	01	08/02/1987	AC	RUNWAY	P	0	309,000.00	10/31/2006	19	57.00
T01SL (Taxiway 01 Salmon)	01	08/01/1987	AC	TAXIWAY	P	0	30,300.00	10/31/2006	19	54.00
T01SL (Taxiway 01 Salmon)	02	08/01/1987	AC	TAXIWAY	P	0	105,335.00	10/31/2006	19	42.00
T01SL (Taxiway 01 Salmon)	03	11/04/2001	AC	TAXIWAY	P	0	75,468.00	10/31/2006	5	95.00
T01SL (Taxiway 01 Salmon)	04	08/02/1987	AC	TAXIWAY	P	0	10,435.00	10/31/2006	19	69.00
T02SL (Taxiway 02 Salmon)	01	08/01/1987	AC	TAXIWAY	P	0	6,990.00	10/31/2006	19	43.00
T03SL (Taxiway 03 Salmon)	01	08/01/1987	AC	TAXIWAY	P	0	5,422.00	10/31/2006	19	56.00
T04SL (Taxiway 04 Salmon)	01	08/01/1987	AC	TAXIWAY	S	0	23,366.00	10/31/2006	19	87.00
T05SL (Taxiway 05 Salmon)	01	08/01/1987	AC	TAXIWAY	S	0	4,136.00	10/31/2006	19	61.00
T06SL (Taxiway 06 Salmon)	01	11/03/2001	AC	TAXIWAY	P	0	33,454.00	10/31/2006	5	100.00

Date: 5 /18/2007

## Section Condition Report

2 of 2

*Pavement Database:*

Age Category	Average Age At Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	PCI Standard Deviation	Weighted Average PCI
03-05	5.00	108,922.00	2	97.50	2.50	96.54
16-20	18.69	914,454.00	13	60.69	14.09	62.69
All	16.87	1,023,376.00	15	65.60	18.15	66.29

# Re-inspection Report

idaho2006

Report Generated Date: 5/18/2007

Site Name:

Network: SALMON Name: LEMHI COUNTY AIRPORT (SALMON)

Branch: A01SL Name: Apron 01 Salmon Use: APRON Area: 167,303.00SqFt

Section: 01 of 1 From: Taxiway 01 To: Taxiway 06 Last Const.: 8/1/1987  
Surface: AC Family: Idaho AC Aprons Zone: KSMN Category: 6 Rank: P  
Area: 167,303.00SqFt Length: 630.00Ft Width: 260.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0  
Section Comments:

Last Insp. Date: 10/31/2006 Total Samples: 31 Surveyed: 6  
Conditions: PCI: 76.00 |

Sample Number: 13 Type: R Area: 5,000.00SqFt PCI = 71  
48 LONGITUDINAL/TRANSVERSE CRACKING L 250.06 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 150.04 Ft  
45 DEPRESSION L 162.00 SqFt

Sample Number: 15 Type: R Area: 5,000.00SqFt PCI = 78  
48 LONGITUDINAL/TRANSVERSE CRACKING L 302.08 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 70.02 Ft

Sample Number: 18 Type: R Area: 5,000.00SqFt PCI = 81  
48 LONGITUDINAL/TRANSVERSE CRACKING L 222.06 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 64.02 Ft

Sample Number: 22 Type: R Area: 5,000.00SqFt PCI = 77  
48 LONGITUDINAL/TRANSVERSE CRACKING L 290.07 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 125.03 Ft

Sample Number: 23 Type: R Area: 5,000.00SqFt PCI = 75  
48 LONGITUDINAL/TRANSVERSE CRACKING L 270.07 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 164.04 Ft

Sample Number: 30 Type: R Area: 5,000.00SqFt PCI = 74  
48 LONGITUDINAL/TRANSVERSE CRACKING L 315.08 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 168.04 Ft

# Re-inspection Report

idaho2006

Report Generated Date: 5/18/2007

Site Name:

Network: SALMON Name: LEMHI COUNTY AIRPORT (SALMON)

Branch: A02SL Name: Apron 02 Salmon Use: APRON Area: 252,167.00SqFt

Section: 01 of 4 From: Section 02 To: Fuel Apron Last Const.: 8/1/1987  
Surface: AC Family: Idaho AC Aprons Zone: KSMN Category: 6 Rank: S  
Area: 25,835.00SqFt Length: 243.00Ft Width: 150.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0  
Section Comments:

Last Insp. Date: 11/1/2006 Total Samples: 4 Surveyed: 3  
Conditions: PCI: 67.00 |

Sample Number: 01	Type: R	Area: 6,883.00SqFt	PCI = 49
45 DEPRESSION	L	68.00 SqFt	
48 LONGITUDINAL/TRANSVERSE CRACKING	L	278.07 Ft	
48 LONGITUDINAL/TRANSVERSE CRACKING	M	280.07 Ft	
52 WEATHERING/RAVELING	H	246.00 SqFt	

Sample Number: 03	Type: R	Area: 4,008.00SqFt	PCI = 76
48 LONGITUDINAL/TRANSVERSE CRACKING	L	290.07 Ft	
48 LONGITUDINAL/TRANSVERSE CRACKING	M	20.01 Ft	

Sample Number: 04	Type: R	Area: 6,883.00SqFt	PCI = 78
48 LONGITUDINAL/TRANSVERSE CRACKING	L	400.10 Ft	
48 LONGITUDINAL/TRANSVERSE CRACKING	M	152.04 Ft	



# Re-inspection Report

idaho2006

Report Generated Date: 5/18/2007

Site Name:

Network: SALMON Name: LEMHI COUNTY AIRPORT (SALMON)

Branch: A02SL Name: Apron 02 Salmon Use: APRON Area: 252,167.00SqFt

Section: 02 of 4 From: Section 03 To: North End Last Const.: 8/1/1989  
Surface: AC Family: Idaho AC Aprons Zone: KSMN Category: 6 Rank: P  
Area: 199,869.00SqFt Length: 675.00Ft Width: 550.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0  
Section Comments:

Last Insp. Date: 11/1/2006 Total Samples: 41 Surveyed: 6  
Conditions: PCI: 70.00 |

Sample Number: 02	Type: R	Area:	5,000.00SqFt	PCI = 69
43 BLOCK CRACKING		L	999.99 SqFt	
43 BLOCK CRACKING		M	100.00 SqFt	
45 DEPRESSION		L	48.00 SqFt	

Sample Number: 03	Type: R	Area:	5,000.00SqFt	PCI = 69
43 BLOCK CRACKING		L	999.99 SqFt	
43 BLOCK CRACKING		M	100.00 SqFt	
45 DEPRESSION		L	78.00 SqFt	

Sample Number: 06	Type: R	Area:	5,500.00SqFt	PCI = 68
48 LONGITUDINAL/TRANSVERSE CRACKING		L	700.18 Ft	
48 LONGITUDINAL/TRANSVERSE CRACKING		M	159.04 Ft	

Sample Number: 16	Type: R	Area:	5,500.00SqFt	PCI = 69
43 BLOCK CRACKING		L	999.99 SqFt	
43 BLOCK CRACKING		M	100.00 SqFt	
52 WEATHERING/RAVELING		L	200.00 SqFt	

Sample Number: 17	Type: R	Area:	5,000.00SqFt	PCI = 74
43 BLOCK CRACKING		L	999.99 SqFt	
43 BLOCK CRACKING		M	100.00 SqFt	

Sample Number: 22	Type: R	Area:	5,000.00SqFt	PCI = 74
43 BLOCK CRACKING		L	999.99 SqFt	
43 BLOCK CRACKING		M	100.00 SqFt	

Re-inspection Report

idaho2006  
Report Generated Date: 5/18/2007  
Site Name:

Network:	SALMON	Name:	LEMHI COUNTY AIRPORT (SALMON)			
Branch:	A02SL	Name:	Apron 02 Salmon	Use:	APRON	Area: 252,167.00SqFt
Section:	03	of	4	From:	Section 02	To: Section 04
Surface:	AC	Family:	Idaho AC Aprons	Zone:	KSMN	Category: 6 Rank: s
Area:	18,770.00SqFt	Length:	185.00Ft	Width:	170.00Ft	Last Const.: 8/1/1989
Shoulder:	Street Type:	Grade:	0.00	Lanes:	0	
Section Comments:						

Last Insp. Date11/1/2006    Total Samples: 3    Surveyed: 3  
Conditions: PCI:71.00 |

Sample Number:	01	Type:	R	Area:	5,297.00SqFt	PCI = 65
43	BLOCK CRACKING			L	1,799.99 SqFt	
48	LONGITUDINAL/TRANSVERSE CRACKING			L	740.19 Ft	
Sample Number:	02	Type:	R	Area:	4,750.00SqFt	PCI = 78
48	LONGITUDINAL/TRANSVERSE CRACKING			L	300.08 Ft	
48	LONGITUDINAL/TRANSVERSE CRACKING			M	94.02 Ft	
Sample Number:	03	Type:	R	Area:	8,723.00SqFt	PCI = 71
43	BLOCK CRACKING			L	1,743.99 SqFt	
43	BLOCK CRACKING			M	871.99 SqFt	

Re-inspection Report

idaho2006  
Report Generated Date: 5/18/2007  
Site Name:

Network:	SALMON	Name:	LEMHI COUNTY AIRPORT (SALMON)			
Branch:	A02SL	Name:	Apron 02 Salmon	Use:	APRON	Area: 252,167.00SqFt
Section:	04	of	4	From:	Taxiway 01	To: Section 02
Surface:	AC	Family:	Idaho AC Aprons	Zone:	KSMN	Category: 6
Area:	7,693.00SqFt	Length:	150.00Ft	Width:	50.00Ft	Rank: s
Shoulder:	Street Type:	Grade:	0.00	Lanes:	0	Last Const.: 8/1/1987
Section Comments:						

Last Insp. Date11/1/2006    Total Samples: 2    Surveyed: 2  
Conditions: PCI:36.00 |

Sample Number:	01	Type:	R	Area:	5,000.00SqFt	PCI = 39
42	BLEEDING			N	1,047.99 SqFt	
48	LONGITUDINAL/TRANSVERSE CRACKING			L	300.08 Ft	
48	LONGITUDINAL/TRANSVERSE CRACKING			M	114.03 Ft	
Sample Number:	02	Type:	R	Area:	2,693.00SqFt	PCI = 29
42	BLEEDING			N	839.99 SqFt	
45	DEPRESSION			L	84.00 SqFt	
48	LONGITUDINAL/TRANSVERSE CRACKING			L	200.05 Ft	
48	LONGITUDINAL/TRANSVERSE CRACKING			M	20.01 Ft	

# Re-inspection Report

idaho2006

Report Generated Date: 5/18/2007

Site Name:

Network: SALMON Name: LEMHI COUNTY AIRPORT (SALMON)

Branch: R17SL Name: Runway 17/35 Salmon Use: RUNWAY Area: 309,000.00SqFt

Section: 01 of 1 From: Runway 34 End To: Runway 17 End Last Const.: 8/2/1987  
Surface: AC Family: Idaho AC Runways Zone: KSMN Category: 6 Rank: P  
Area: 309,000.00SqFt Length: 5,150.00Ft Width: 60.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0  
Section Comments:

Last Insp. Date: 10/31/2006 Total Samples: 51 Surveyed: 6  
Conditions: PCI: 57.00 |

Sample Number: 01 Type: R Area: 6,000.00SqFt PCI = 45  
42 BLEEDING N 869.99 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 354.09 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 62.02 Ft

Sample Number: 10 Type: R Area: 6,000.00SqFt PCI = 55  
42 BLEEDING N 400.00 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 285.07 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 62.02 Ft  
52 WEATHERING/RAVELING L 1,299.99 SqFt

Sample Number: 19 Type: R Area: 6,000.00SqFt PCI = 65  
42 BLEEDING N 400.00 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 414.11 Ft

Sample Number: 28 Type: R Area: 6,000.00SqFt PCI = 70  
42 BLEEDING N 200.00 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 669.17 Ft

Sample Number: 37 Type: R Area: 6,000.00SqFt PCI = 48  
42 BLEEDING N 999.99 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 568.15 Ft

Sample Number: 46 Type: R Area: 6,000.00SqFt PCI = 56  
42 BLEEDING N 629.99 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 463.12 Ft

# Re-inspection Report

idaho2006

Report Generated Date: 5/18/2007

Site Name:

Network: SALMON Name: LEMHI COUNTY AIRPORT (SALMON)

Branch: T01SL Name: Taxiway 01 Salmon Use: TAXIWAY Area: 221,538.00SqFt

Section: 01 of 4 From: Taxiway 02 To: Taxiway 04 Last Const.: 8/1/1987  
Surface: AC Family: Idaho AC Taxiways Zone: KSMN Category: 6 Rank: P  
Area: 30,300.00SqFt Length: 1,010.00Ft Width: 30.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0  
Section Comments:

Last Insp. Date: 10/31/2006 Total Samples: 5 Surveyed: 3  
Conditions: PCI: 54.00 |

Sample Number: 01 Type: R Area: 6,148.00SqFt PCI = 38  
42 BLEEDING N 1,399.99 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 365.09 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 10.00 Ft

Sample Number: 02 Type: R Area: 6,000.00SqFt PCI = 55  
42 BLEEDING N 510.00 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 685.18 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 50.01 Ft

Sample Number: 03 Type: R Area: 6,000.00SqFt PCI = 67  
48 LONGITUDINAL/TRANSVERSE CRACKING L 568.15 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 15.00 Ft  
42 BLEEDING N 80.00 SqFt

# Re-inspection Report

idaho2006

Report Generated Date: 5/18/2007

Site Name:

Network: SALMON Name: LEMHI COUNTY AIRPORT (SALMON)

Branch: T01SL Name: Taxiway 01 Salmon Use: TAXIWAY Area: 221,538.00SqFt

Section: 02 of 4 From: Section 01 To: Section 02 Last Const.: 8/1/1987  
Surface: AC Family: Idaho AC Taxiways Zone: KSMN Category: 6 Rank: P  
Area: 105,335.00SqFt Length: 3,498.00Ft Width: 30.00Ft  
Shoulder: Street Type: Grade: 0.00 Lanes: 0  
Section Comments:

Last Insp. Date: 10/31/2006 Total Samples: 18 Surveyed: 5  
Conditions: PCI: 42.00 |

Sample Number: 01 Type: R Area: 6,000.00SqFt PCI = 33  
42 BLEEDING N 2,199.98 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 456.12 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 10.00 Ft

Sample Number: 05 Type: R Area: 6,000.00SqFt PCI = 38  
42 BLEEDING N 1,999.98 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 344.09 Ft

Sample Number: 09 Type: R Area: 6,000.00SqFt PCI = 38  
42 BLEEDING N 1,999.98 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 276.07 Ft

Sample Number: 13 Type: R Area: 6,000.00SqFt PCI = 39  
42 BLEEDING N 1,499.99 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 802.21 Ft  
52 WEATHERING/RAVELING L 60.00 SqFt

Sample Number: 17 Type: R Area: 6,000.00SqFt PCI = 63  
42 BLEEDING N 275.00 SqFt  
48 LONGITUDINAL/TRANSVERSE CRACKING L 809.21 Ft  
48 LONGITUDINAL/TRANSVERSE CRACKING M 12.00 Ft

Re-inspection Report

idaho2006  
Report Generated Date: 5/18/2007  
Site Name:

Network:	SALMON	Name:	LEMHI COUNTY AIRPORT (SALMON)			
Branch:	T01SL	Name:	Taxiway 01 Salmon	Use:	TAXIWAY	Area: 221,538.00SqFt
Section:	03	of	4	From:	Section 02	To: Section 04
Surface:	AC	Family:	Idaho AC Taxiways	Zone:	KSMN	Category: 6
Area:	75,468.00SqFt	Length:	1,885.00Ft	Width:	35.00Ft	Rank: P
Shoulder:	Street Type:	Grade:	0.00	Lanes:	0	Last Const.: 11/4/2001
Section Comments:						

Last Insp. Date10/31/2006    Total Samples: 14    Surveyed: 5  
Conditions: PCI:95.00 |

Sample Number: 02 <NO DISTRESSES>	Type: R	Area:	5,250.00SqFt	PCI = 100
Sample Number: 05 <NO DISTRESSES>	Type: R	Area:	5,250.00SqFt	PCI = 100
Sample Number: 08 <NO DISTRESSES>	Type: R	Area:	5,250.00SqFt	PCI = 100
Sample Number: 11 <NO DISTRESSES>	Type: R	Area:	5,250.00SqFt	PCI = 100
Sample Number: 14 45 DEPRESSION 52 WEATHERING/RAVELING	Type: R	Area:	5,250.00SqFt M 101.00 SqFt M 101.00 SqFt	PCI = 74

Re-inspection Report

idaho2006  
Report Generated Date: 5/18/2007  
Site Name:

Network:	SALMON	Name:	LEMHI COUNTY AIRPORT (SALMON)			
Branch:	T01SL	Name:	Taxiway 01 Salmon	Use:	TAXIWAY	Area: 221,538.00SqFt
Section:	04	of	4	From:	Section 03	To: Runway 17 End
Surface:	AC	Family:	Idaho AC Taxiways	Zone:	KSMN	Category: 6 Rank: P
Area:	10,435.00SqFt	Length:	92.00Ft	Width:	114.00Ft	Last Const.: 8/2/1987
Shoulder:	Street Type:	Grade:	0.00	Lanes:	0	
Section Comments:						

Last Insp. Date10/31/2006    Total Samples: 2    Surveyed: 2  
Conditions: PCI:69.00 |

Sample Number:	01	Type:	R	Area:	5,749.00SqFt	PCI = 67
42	BLEEDING			N	80.00 SqFt	
48	LONGITUDINAL/TRANSVERSE CRACKING			L	823.21 Ft	

Sample Number:	02	Type:	R	Area:	4,681.00SqFt	PCI = 71
42	BLEEDING			N	48.00 SqFt	
48	LONGITUDINAL/TRANSVERSE CRACKING			L	479.12 Ft	



Re-inspection Report

idaho2006  
Report Generated Date: 5/18/2007  
Site Name:

Network:	SALMON	Name:	LEMHI COUNTY AIRPORT (SALMON)			
Branch:	T02SL	Name:	Taxiway 02 Salmon	Use:	TAXIWAY	Area: 6,990.00SqFt
Section:	01	of	1	From:	Taxiway 01	To: Runway 35 End
Surface:	AC	Family:	Idaho AC Taxiways	Zone:	KSMN	Category: 6 Rank: P
Area:	6,990.00SqFt	Length:	155.00Ft	Width:	40.00Ft	Last Const.: 8/1/1987
Shoulder:	Street Type:	Grade:	0.00	Lanes:	0	
Section Comments:						

Last Insp. Date10/31/2006    Total Samples: 1    Surveyed: 1  
Conditions: PCI:43.00 |

Sample Number:	01	Type:	R	Area:	6,715.00SqFt	PCI = 43
42	BLEEDING			N	849.99 SqFt	
48	LONGITUDINAL/TRANSVERSE	CRACKING		L	431.11 Ft	
48	LONGITUDINAL/TRANSVERSE	CRACKING		M	95.02 Ft	
52	WEATHERING/RAVELING			H	2.00 SqFt	

Re-inspection Report

idaho2006  
Report Generated Date: 5/18/2007  
Site Name:

Network:	SALMON	Name:	LEMHI COUNTY AIRPORT (SALMON)							
Branch:	T03SL	Name:	Taxiway 03 Salmon			Use:	TAXIWAY	Area:	5,422.00SqFt	
Section:	01	of	1	From:	Runway Midfield	To:	Taxiway 01		Last Const.: 8/1/1987	
Surface:	AC	Family:	Idaho AC Taxiways		Zone:	KSMN	Category:	6	Rank:	P
Area:	5,422.00SqFt	Length:	155.00Ft		Width:	30.00Ft				
Shoulder:	Street Type:		Grade:	0.00	Lanes:	0				
Section Comments:										

Last Insp. Date10/31/2006    Total Samples: 1    Surveyed: 1  
Conditions: PCI:56.00 |

Sample Number:	01	Type:	R	Area:	5,422.00SqFt	PCI =	56
42	BLEEDING			N	356.00 SqFt		
48	LONGITUDINAL/TRANSVERSE CRACKING			L	922.24 Ft		
48	LONGITUDINAL/TRANSVERSE CRACKING			M	23.01 Ft		

Re-inspection Report

idaho2006  
Report Generated Date: 5/18/2007  
Site Name:

Network:	SALMON	Name:	LEMHI COUNTY AIRPORT (SALMON)			
Branch:	T04SL	Name:	Taxiway 04 Salmon	Use:	TAXIWAY	Area: 23,366.00SqFt
Section:	01	of	1	From:	Taxiway 01	To: Hangars
Surface:	AC	Family:	Idaho AC Taxiways	Zone:	KSMN	Category: 6
Area:	23,366.00SqFt	Length:	766.00Ft	Width:	30.00Ft	Rank: s
Shoulder:	Street Type:	Grade:	0.00	Lanes:	0	Last Const.: 8/1/1987
Section Comments:						

Last Insp. Date10/31/2006    Total Samples: 4    Surveyed: 3  
Conditions: PCI:87.00 |

Sample Number:	01	Type:	R	Area:	6,000.00SqFt	PCI = 81
48	LONGITUDINAL/TRANSVERSE	CRACKING	L	271.07	Ft	
48	LONGITUDINAL/TRANSVERSE	CRACKING	M	20.01	Ft	
Sample Number:	02	Type:	R	Area:	6,000.00SqFt	PCI = 92
48	LONGITUDINAL/TRANSVERSE	CRACKING	L	126.03	Ft	
Sample Number:	03	Type:	R	Area:	6,000.00SqFt	PCI = 87
48	LONGITUDINAL/TRANSVERSE	CRACKING	L	136.03	Ft	
48	LONGITUDINAL/TRANSVERSE	CRACKING	M	10.00	Ft	

Re-inspection Report

idaho2006  
Report Generated Date: 5/18/2007  
Site Name:

Network:	SALMON	Name:	LEMHI COUNTY AIRPORT (SALMON)			
Branch:	T05SL	Name:	Taxiway 05 Salmon	Use:	TAXIWAY	Area: 4,136.00SqFt
Section:	01	of	1	From:	Taxiway 04	To: Apron 01
Surface:	AC	Family:	Idaho AC Taxiways	Zone:	KSMN	Category: 6
Area:	4,136.00SqFt	Length:	150.00Ft	Width:	27.00Ft	Rank: s
Shoulder:	Street Type:	Grade:	0.00	Lanes:	0	Last Const.: 8/1/1987
Section Comments:						
Last Insp. Date10/31/2006 Total Samples: 1 Surveyed: 1						
Conditions: PCI:61.00						

Sample Number:	01	Type:	R	Area:	4,136.00SqFt	PCI = 61
45	DEPRESSION			L	88.00 SqFt	
48	LONGITUDINAL/TRANSVERSE	CRACKING		L	225.06 Ft	
52	WEATHERING/RAVELING			H	71.00 SqFt	
48	LONGITUDINAL/TRANSVERSE	CRACKING		M	100.03 Ft	





Section: A01SL-01  
Longitudinal/ Transverse Cracking



Section: A02SL-01  
Longitudinal/ Transverse Cracking



Section: A02SL-02  
Block Cracking  
Longitudinal/ Transverse Cracking



Section: A02SL-03  
Block Cracking  
Longitudinal/ Transverse Cracking



Section: A02SL-04  
Bleeding  
Longitudinal/ Transverse Cracking



Section: R17SL-01  
Bleeding  
Longitudinal/ Transverse Cracking  
Weathering/ Raveling



Section: T01SL-01  
Bleeding  
Longitudinal/ Transverse Cracking



Section: T01SL-02  
Bleeding





Section: T01SL-03  
No Distress



Section: T02SL-04  
Longitudinal/ Transverse Cracking



Section: T02SL-01  
Bleeding



Section: T03SL-01  
Bleeding  
Longitudinal/ Transverse Cracking





Section: T04SL-01  
Longitudinal/ Transverse Cracking



Section: T05SL-01  
Longitudinal/ Transverse Cracking

# NETWORK MAINTENANCE REPORT

## LEMHI COUNTY AIRPORT

[illegible]

## NETWORK MAINTENANCE REPORT - continued

### LEMHI COUNTY AIRPORT

[illegible]

## NETWORK MAINTENANCE REPORT - continued

### LEMHI COUNTY AIRPORT

[illegible]